

## ABSTRACT

An improved ram pump for use with a fluid source having an initial head. The ram pump is of a generally known type and the improvement includes modification of a waste valve member of the ram pump to be selectively moveable along a path having a vertical component between a default waste configuration and a closed configuration. The waste valve member is gravity-biased towards the default waste configuration. The improvement also includes modification of a check valve member of the ram pump to be selectively moveable along a substantially horizontal path between a ram configuration and a pump configuration. The check valve member is biased towards the ram configuration, and the fluid source is substantially horizontally flowable through a pump outlet of the ram pump when the check valve member is in the pump configuration.